# Atari Age







### IT BEGINS WITH

The force of gravity pulls you toward unparalleled danger as you fly into Gravitar action. Your little space ship must conquer planet after planet — knocking out every missile-firing enemy bunker and novering gently over fuel depots to beam up new energy supplies and continue your mission.

Gravitar presents new thrills at every turn. This hostile universe includes four separate galaxies, each with three unique solar systems. Each new solar system presents you with three or four planets to conquer, plus a Niller Sun to threaten your survival, and an Allen Reactor Base which may lead you to higher scores —or instant doom! The variety seems endiess —each planets you encounter throughout the game offers.

different, tantalizing challenge. There are five difficulty levels to choose from, ranging from the size-ship championship level to a hundred-ship practice level which lets you sharpen your abilities. Success demands razorsharp steering, pinpoint fining accuracy, and nerves of steel. It is a fitting test of the skills required to claim the title of Ultimate Video Master.







RAVITAR

GRAVITAR

Rem Code C88
CLUB MEMBER PRICE

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It will be at least six months before **Gravitar** is sold at any store

r never be released to the olici But you can get in on ers excitement right now!



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cartridge collection

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Vol. 2 No. 3 September/October 1983

FOITOR Steve Morgenstern DESIGN DIRECTOR CLUB MANAGER Jules Yingling CONTRIBUTORS Lee E. Miller

Captains

soniero to plenty of horshot Atan gameplayers who

think they've conquered it all. They've gotten so good at Asteroids that they've stopped playing the game for points and play "Chicken" instead, racing sideways across the screen at too speed, dorloing the exteroris

as they go. They brag about how many times they've turned over Pac-Man, and the hours thre/ve spent on a single game of Defender Well, hotshots, allow me to introduce you to Gravitar.

To put it simply. Gravitar is the most challengno skill and action game I have ever seen on a home game system. There are five skill levels available, so everyone in the family can take a crack at it. But championship Gravitar gameplay requires very precise handling, absolute concentration, and pinpoint aim. I can't promise that the game won't frustrate some of you, but Lam positive it won't bore you

How did The Atan Club get Gravitar as an exclusive cartridge introduction? We saw it months and and loved it, but it never seemed to appear on Atan's cartridge release schedule. We checked with Inel Oberman, the product manager for the game, and learned that market testing showed Gravitar was not for everyone

MELL

- only the best gameplayers enjoyed it, and he was concerned about releasing a game this challenging to the general public "If you're looking for good gamentainers. I've

got them," I told Joel, and with the cooperation of a lot of talented people at Atari, we can now offer Gravitar to Club Members alone

The idea for the Video Masters Competition was a direct result of Gravitar as well \Yes have a game here which will really out our members' skills to the test -- why not make a contest out of it? The more we talked, the more exoted we became. And when we discovered some more super game challenges in Atari's programming labs, and waiting for the night audience, the competition grew into a threepart Championship.









#### wallable October for Azari 2600 — AN ATARI CLUB EXCLUSIVE tuel from the planes writere - run put of fuel from the planet surface — tun out of lines or out of fuel, and the game ends. There are four separate galaxies to conquer in Gravitate, each with dure increasingly di-ficult solar systems. The first galaxy has normal

Gravitar 6 an outer space poursey like room and Active and experienced papers. April 2016 Fig. Cruses into all policy solar system, threating to made the pull of the Killer Sun's powerful

grandsconel bed anterechore of the planes. There are there or four different planets in exchange or soon omeren points in

Before learning, through you must perform a delicate dorking operation to pick up additional

gradu the second has revene gravity, repe greenly—the second has revenue greenly, tep-ling you from the planets' surface. The third Gravitar is not a game for everyone, ever with a choice of five difficulty levels. If you are

still struggling through the teddy bear leves of your Aton Game cartndges, you won't ge very far with Gravitar, However, fixoure the type of player who is looking for a real chal-

## Moon Patrol



## Available October for Atari 2600

As a video veteran, you've done busic with your stare of resolver opping enemics from your share or interest of opposite more main the store. You've faced features toes covering at you would not have no you've purposed soften and have you over done all of this, at one time? That's the test you face when you tack! Moon Petrol. the home version of Williams Electronics

You're de across the surface of the moon in your prizes hink plopy Creen appear on the SCHOOL IN urtice, which was some over with a fick of cirticle, which you jump over with a fack of hour pystock, husing the fire button sends no light streetly up an affairectly are add you also streetly up an affairectly are add you Moun Burgay simulationeously. You'll need that in with missiles from above

Again Moon Patrol Doests three different counts, one and two player versions, and all course, one and accompaged versions and other the LIPOs and obstacles of the atcade original The catchy Moon Patrol theme song a here too, and we have yet to meet anyone who walks away from the game without nummary Buggs speeds, letting you talor the game to your playing awares

# rordQuest



## Available October for Atari 2600

As we told you list much an Asia Club member from Michigan sour owns a solid gold, granted Talisman valued at \$25,000. He read soons Supplication of the Part of the Supplication o nationality compression with spectacular prices of each level and a tingli page, a Successful Superior EarthWorld Control or Street the Control liven. Now the creek consider in the Successive and seres a coming - water world. The print risk time is a forestic golden crown, dupland with

demands, rubes, septimes, green to analysis bursed in the game countries lend to word clust.

in the full-color DC correct back packed with

eluminage To solve the mighten, players must first explore to some one objective payers macrify exthroughout these rooms are to magical objects. With his related to each other, and to the seven and action sequences patting you against up fores

will take time and clever recooning to Will but it's worth a Mastering the Intilization of SwordQuest extensional country our crowning when

# Kids' Cartridge Report



#### Available September for Atari 2600

The people at Children's Computer Workshop joined with Man to create a line of very special undergames for children 3-7 years old CCW brings' mpressive credentials to the effort-on Landscate of the effort of the effort

can game features one of the tremeslay popular Seame Street Muppers, suppopular Seame Street Muppers, suppopular Seame Street Muppers, and the suppopular Seame Street Seame street But now, in addition to thought suppopular Seame Street But now, in addition to the suppopular Seame Street Seame Street suppopular Seame Street Seame Seame Seame Seame street Seame Seame Seame street Seame Seame Seame street Seame Seame street Seame Seame street Seame Seame street s

Another important feature of these games is a multi-purpose game manual, which includes not only playing instructions, but a read-aloud story, activity pages and notes to parents to help children and adults get the most fun out of playing the

CCW games are played with the special designed Atan Kid's Controller, with big buttons and colorful overlays that turn partie movement into child's play.

#### Cookie Monster Munch

Todisjaka selonia giver—coolees Loss of coolees a selective de transport of the coolees are softered through a twelvy make Payers mark lead Coolee Mornsler brough the make. Let him pick up each coolee, through the make let him pick up each coolee. The picker beine in the coolee yard the bottom of the society when a round is complete. If the society have a coolee Monster's coolee Mornsler seed to the society murches him the coolee in the make the coolee in the coolee in the society murches him the coolee in the society murches him the coolee in t

Coolie Monster Munch boasts 10 game variations, seven of Which allow one of two holiden to play. There is more here than simple maker-lunning, too Some vanations pit Coolie Monster against a new christicist, the Coolee footbase of the most coolees footbase the controlled on sevent variations to increase the challenge and, when the player really gets good, three's an instable make Superreally gets good, three's an instable make Super-

#### Alpha Beam with Ernie Astronaut Erne's rocket ship is out of gas! Players must help Emire get home by filling up

nayers must rehip is time get nome by hising up his rocket and making it blast off. And the way to do that is to maneuver a shuttle craft under the letter-coded fuel tanks floating in space, and beaming the fuel down into the proper slot.

Preschoolers practice letter recognition and letter matching in a delightful outer space setting. Game variations include both capital and small letter fuel tanks, with tasks including paring the same letters, paining capitals with their lowercase equivalents, and placing letters in order, some of the variations include a birner to increase the skill required, and several feature two play-

## Sorcerer's

#### Available October for Atari 2600

The first of a planned series of care

ing the way.

Remember the magical Sorcerer's Apprensite exquence in the classic Danny film
Familials A Moque, Mouse is the overalight
Familials A Moque, Mouse is the overalight
even before he has the startly to control in
Mickeys supposed to carry in water from the
well counsel. When the Sorcere is not book
mough, the Domes' the master's magical
mough, the Domes' the master's magical
it is and sets it to work carrying the water.
Greatistical—except Mickey has noted how

broom to bits with an axe, every spinter tims into a new water-toting broom. They're creating a flood!

In Fantasia, the Sovicer's himself rescues. Mickey from his soggy situation But in the exiting new Sorcerer's Apprentice videogame from Avaru, it's up to you to save the day. There are two many payables in the oame.

otazing. Mickey is armed with magic fireballs levery star that, falls between the mountain beaks turns into a boom with a bucker. Alling the Cavem with water. Whenever Mickey hits a netwo mith his fireball, he wins points and levery mith buckets that can bail water out of

magicians shall not be extra points. While all of this action is going on above ground, the underground Cavem playfield is filling up with water. When it's completely flooded the game is over. Mickey can prevent this by scooting down there to do battle with the brooms, knocking them out of commission.

water out of the undergound chamber.

The pace builds rapidly — stars and meteors falling faster, more brooms springing to life, the water level insing dangerously, all to a lively soundtrack of "swooshing" water, bells, beeps.

toe theme music.
There are four skill levels to choose from, ranging from a beginner's game which is perfect for young Mikey Mouse fams to the Super Sonk (level, a challenge for even expert toy-stokers. Soncerer's Apprentice is a wonderful carroon wideogame treat for the whole Smith.





Seven mysterious rooms — sixteen magical objects — as pecial full-color comic book — these are the keys to unraveling the puzzling severe of WATERWORLD. For one talented gameplayer, the solution will bring something more than personal setsifaction — he or she will win a special cacular golden crown, gittering with

valued at 125,000. Then it's on to the finals for a chance at the Granne at the Granne the Syon Observed of Utilimate Sorcey! Sword Observed Observ

SwordQuest WaterWorld Item Code C86 CLUB MEMBER PRICE

\$31.95



For complete SwordQuest rules, write to Atari Customer Service, 1312 Crossman Avenue, Sunnyvale, CA 94086.



ROCKETS 18

# ATARI FOUNDER SIGNS HOME VIDEO GAME AGREEMENT

STANGE ST

Eleven years ago, a young graduate computer engineer named Nolan Bushnell combined his knowledge of microprocessing with a penchant for having fun. The result was **Pong**, the world's first popular video computer game, and a new

company, called Alaxi.

(STR, Inventor Laboratory, Company, New Years, caller to Warner Communication, and Overnor to Solore the Equipment Communication, and Overnor to Solore the Equipment Communication of the Property of Communication of the Property of Communication of Commu

Mr Bushnell commented, "I'm looking forward to working again with Atan. The combined strengths of our companies offer tremendous opportunities for both of

US."

#### **ATARI** REORGANIZES. GREETS NEW CFO



in the face of an increasingly competi aggressive steps to maintain its leadership position in May, a major change in the This was followed in July by the news for 5½ years, had resigned his position.

games) and Home Computers, Now development, sales, and marketing. An other change which should prove signifivideo, home video, and computers, into On September 6, Atari welcomed Jim Morgan, 41, who had been Executive Vice-President of Philip Morns, Inc. As Mr. Morgan told one interviewer. "I'm looking forward to working with the it does in its industry. I measure everything to do with business on whether or not

# **VORDQUEST FIREWORLD**

Fifty talented videogame adventurers will be flown to Atan headquarters in November 1983, to compete for the in the SwordQuest FireWorld compettion finals, where he or she will compete with the

winners of the other three SwordQuest

FireWorld Duzzle They were then narrowed

completion essay tie-breaker cal dues hidden in the FireWorld

secret to identifying the correct clues is come book. The obrase "add to seven" is printed in larger type. This is the determining factor

-the digits in the valid numerical clues must add up to seven. These numbers indicate the pages in the como



HERO PROGRAMMER NABS HIT-AND-RUN SUSPECT the truck pulled into a parking los rolled down the window and said. What are they going to do to me? I warned are trey going to do to me? I warred turn the d better get backtriere or it would

Dave Theires, the creator of Atlan Term Dave theure, the creator of Alah Tento pest, was on the road on the Fourth of pest, was on the load on the Fourth of July, headed for a freworks display. He noticed some techagers crossing the busy noticed some teenagers crossing the busy ingrived. One boy neuraled belief his oranges or nevery recent oran orange orange groung take information to a police

mends the hext moment he was knocked into the air by a pickup truck, and the one the air by a possip truck an the boy-mer kept on going. tance, the dried would have gotten

bing on the benefiters. Then he took of away Officer Raiph Anderson of the away Chace kalph Anderson of the California Highway Patrol tool the Mercury. I wish there were more into Poische 928 in pursuit of the pickup Mercury. I with there were more like him. Usually, it doesn't happen have gotten oreo 280." he told the San Mercury, "pecause there was no one up aread on Foothill (Expresswey)

Dave spotted a Datum pickup and puled up alongside, signating the drive to stop. When the driver did not respond. Dave Continued to follow Himuntal Straky.

# MARIO BROS.

Look closely at the game screens shown at night. This is your first peek at Marlo Bross by Nintendo, the home adaptation of the coin video game just released to the arcades. And unless we've totally lost our powers of prediction, you're geing to be spending a lot of time looking at those screens in action in coming months—Marlo Bross. looks like a sure hit for both Atan 2500 and





Mario Bros. may set a new record for speedy adaptation from arcade to home screen —the coin-op game appeared only this summer, and the Atan version is due in time for

The game brings back Mario the daming carpenter who the game brings back Mario the daming carpenter who so valiantly rescued Paulair in Dankey Keng, Marios love life in not a factor in this game, though how he has working with his brother Laug. The two of them bastles strange assortment of creatures on a streen with four leeks of fleible floors. At the top of the screen are two preparations of those pipes come the pessy oritter— Shelicrepeers (pursels,) Sedestappers (crabs), Fighterfiles lifest, and Solices lice mel.)

Each enemy has its own distinctive pattern of movement, requires a different tack to eliminate it. The basis move is the same, though—Mano or Luigi must jump up and nit the floor underneath the creature. Bopping a Shelcreeper this way immediately libs it over on its back. Then you climb up to the same level as the stunned turtle and kik it into the water below before it can turn itself over. Other creatures call for different variations on the bopand-lock routine. Our favorite is the Sidestepper—the first time you bop it makes it mad. It gets a funcus look on its crabby little face and speeds up tremendously. Only the second pop from below will turn it over and make it vulnerable.

Mario Bros. has a lot going for it. While it can be played byone player, the two-player gotion is a special times. It is is one of those rare gaines where both players can be on screen at the same time, working register to defeat the screen at the same time, working register to defeat the time. There is plenty of variety in the gampaly, from fast-playing friesbill and multiple creatures to borus rounds, slippery floors, and a useful "Pow" button. All of the play reproduced in the Alan 2200 and 5200 home versions, probably the first ever available for both systems.

probably the finest ever available for both systems.

Look for more details and ordering information in the next issue of **Atarl Age**.

2600 KEYBOARD POSTPONED

The Proposition of the Control of the Con

# THE C A S E B O O K O f R. C A D E Worldown R Cade high shoot of the contraction of the c

ntroducing R. Cade, high school detective, and the baffling case of the Pac-Man Prize Scandal. Can you figure out how he solved it?

She wasn't much to look at. but she knew how to make a dinn't. It felt right as soon as it hit your tongue, sid down quick and easy, and left you worning another one fast. No question about it, Tommy's mother makes a great glass of lemonate. And coght to know all make it my business to know all there is to know about the himps lengy businessman. And most of all, video games. My name's Code. My parents named

me Roger, but I dropped that monicker a long time ago. Now it's just Cade—R Cade. When people have certain kinds of troubles, they come to me for help. I have a reputation as a problem solve Like the journalism prize scandal over

at More Science High. Of course, they didn't know they had a problem, until I showed up.

I got on the case that afternoon at

Tommy's house. We were knocking back pitchers of his mother's lemonade, playing Ms. Pac-Man and shooting the breeze. "So what's new over at the gazette?"!

"So what's new own at the gazette?" I saked. Tommy was editor of the high school paper. Not've seen that kind of rag before—JV. Football Team Wins Again, Drama Club Stages My Fair Lady, Debate Society Visits Washington Learne to Tommy for the dirt behind the headliner.

"There is sometime you might be interested in. Cade " Drimny was half a second away from guiping abous barrane—abig 5000-point baby—when he put downing systeck and looked me in the eye. I knew this was somettime by might be sometimed by the sometime by t

I nodded. Of course I knew about it—I kept waiting to hear that my piece on chameleors had copped the big bucks. I had a feeling it would be a long wait. I'm on the judging committee, me

and some faculty members and a character from the PTA. We've got it narrowed down to two essays. Betty Jo Bailosio wrote this piece about adopting homeless pets Pretty grim, but that gri knows. you know what I mean."
I knew what he meant

"Then there's living Cadwallator," My eythorus shor up half a foot. If had more than my share of numers with the Cadwallator character, thu look up "sleasy" in the dictionary, you find Henry Cadwallator's petture I was the guywho caught Caddy collecting pennes for UNICEF on I halloween and pocketing the proceeds. The assistent principal half haufed up, but Caddy sinew who upperfirm off about that their cays, and he inseed I flow the firmer of the court half the cays, and he inseed I flow the firmer.

"Seems Cadoutlisder went on a trip to Calibrain with his family. While he was out there, he passed through Surmyvale —you know, where Atan hangs its shingle. I don't know how he did it, but Caddy got an interview with the guy who programmed Pas-Main, and he wrote it up as his essay for the context. He could take all the mixthes:

"So what's the problem?" I asked "Cmon, Cade, we both know Cadwallader. He'd run for homecoming queen if there was money in it. And if there was a way to right, he'd win, too I just don't like it."

"Don't suppose you've tried checking out his story?"
"I'm a newspaperman, Cade, I always check out mystories, This is a tough one, though

His family did take a top to the Coast, I know that much for a fact. But he doesn't give the programmer's name in the story—says. Atari won't allow that information out the door. And when I tred calling their people in com-ou. I hat a brick.

wall."
"Don'tsupposeyou
have a copy of Caddv's masterpiece here?"

"It might be over there in my bookbag. Cade. But of course, I couldn't let you see it—only the judges see the entries until the winner's announced. Wouldn't want to break any uses." "Of course." I said, and watched

Tommy pick up the half-full pitcher of lemonade.

"Looks like we could use a reful." wouldn't you say Excuse me for a mnute."

I didn't have to be asked twice. The minute Tommy disappeared up the stars ligrabbed Caddy's essay out of the bookbag and started reading. Nothing out of the ordinary in the first few 'graphscouple of split infinitives, a implaced modifier, but nothing criminal. Then I latched onto this passage of purple

I asked Mr. X how his fellow programmers felt about the tremendous success he had had with Pac-Man. "That's a terrific question. I'm mally

"But a terrific question. Im really enging that is terrific question. Im really enging the review Red II question growing there was a little peaking among once the qualifies started rolling in four know, when you dress pa new com video gaine, you never know well the game will do! Inman, dealing and point new Sur we try to the peaking that the peaking will be the peaking that the machine received the arcade and the response started rolling in it, I had not created."

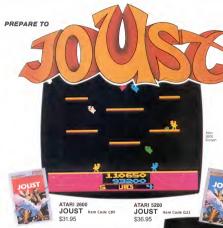
I heard Somy comma, storgenic point growing started that created."

down hard on each step and tinking the ice violently in the pitcher to make sure f'chear him i straight die papers back in his bookbag and leaned back on the couch. I tried to look innocent, but the glare from my smiling teeth was binding. "Tommy," I said, "I don't suppose "Tommy," I said, "I don't suppose "

you have Cadwallader's phone number handy. I feel like talking to my old friend Henny.

ispentitive minutes flat on the phone with Heinry Cadwallader. No yelling or screaming — we just taiked about video games By the time i got of the phone, being in and Cadwallader had indicated this inter-tion of pulling out-of the competition the met day at school. He also indicated as one doubt about whether I would have some doubt about whether I would have to see the tipe old age of 15, but I don't talke that kind of talk too senously, It's all in a day's work.

A week later the school paper hit the streets with a prize-winning story about homeless pets. Wey down in the Honorable Mentoun list was my name. To tell you the turlly, Isall think I should have won. Chameleons are terrific arimasis. In fact, a chameleon helped me crack the Case of the Attract Mode Murders. But that's another story.



Your trusty lance in hand, climb aboard your flying ostrich and prepare to do battle with legions of evil Buzzard Ridors. Push the "fire" button to flag your ostrich wings and stay solft. Head straight at an enemy rider, but be sure that when you collide, your lance is higher than his—high lance survives the loust.

Knock a rider off his ostrich and the bird drops an egg which is worth big bonus points—but it will hatch into an even *more* troublesome knight if you don't pounce on it in time.

JOUST is absolutely unique—the wing-flapping dive-bombing action is tike no other arcade game ever. And now all the high-flying fun of coin video JOUST has been captured for your Atan 2600 and 5700 game systems.

.....

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See Page 5 for details.

# WE WANT MORE MEMBERS!

The Atan Club 5 grown in grey by the day, and we couldn't be happier about it. We mailed out more than a million copies of this magazin But there are still millions of Atan fans who haven't joined the Club, and we need your help to reach them.

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ath carry, with prizes the florine computer system, and a knowled pair

- Special At in particular ble At Video Cube and Gravini attent
  - Playing tips and clues to insing today carried as secret.

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Just hit in your name and xecount number (from your shipping label) on the coupons below then pass them along to your friends win want to join the Club. When we ecceve their membership request, we like and you your 5.4.8°C home.



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AN DESCRIPTION OF THE PROPERTY OF THE PERSON OF THE PERSON

This issue we'll concentrate on some truly mind-hoppling brainteasers, and a very exciting secret message pointed out by an eagle-eyed Club Member from Indiana. If you would like to contribute to your Club magazine, send your observations, artwork, jests and jocular jottings to Atari Age, Your Turn Dept., 1700 Walnut Street, Philadelphia, PA 19103 As always, a free game cartridge goes to the contributor of each item we print. And we've added a new bonus to the pot — everyone mentioned in our "Special Thanks' section will receive five ARCs



### SPECIAL THANKS





there were four people playing

video games. They were Steve. Jim, Betty, and Sherryl. The games they were playing (not in order) were Pac-Man, Centipede. Galaxian, and Defender. Their scores were 1087, 874001, 18701, and 29875. Who was playing what game, and what was each player's

**ELLEN'S FAVORITE PUZZLE** This is a word ouzzle. To figure it out, read very carefully

I have a friend named Ellen Green who is very picky about the Atari games she plays. Can you tell me why she likes certain games and not others? She likes Human Cannonball but doesn't like Circus Atari.

She likes Video Pinball but doesn't like Breakout. She likes Video Chess but doesn't like Video Checkers She likes Street Racer but doesn't like Stot Racers. She likes Baskethall but doesn't like Bowling

and concentrate on what you're reading.

She likes Air-Sea Battle but doesn't like Combat She likes Basic Programming but doesn't like Brain Games.

#### VIDEO BRAINTEASERS WHO'S WHO IN THE GAME ROOM CLUES One afternoon in a game room.

1. Betty hated Detender.

person playing Defender.

The person playing Defender had the highest Jim had a score of 29875.

5. The person playing Pac-Man had received an extra man at 10,000 points. 6. Sherryl had the lowest score

7. Steve was playing Defender. 8. The person playing Centipede had 29875.

> Still having trouble? Try these special clues! She loves Missile Command bu doesn't like Asteroids, She loves Football but doesn't like Home Run, Although Volleyball, she says she wi

Answers to Brainteasers on page i

East Rockaway, I

COUNTERMEASURE

Negative was a supply when it was first for the first of the first of

our Guide to City of lystery



# YOU'LL DIG



One of the best-loved arcade hits of all time is home at last — DIG-DUGI

Plug in the cartridge, grab your joystick, and you become Dig-Dug, the dauntiess miner who deftly battles strange foes beneath the earth's surface.

You create a complex maze of tunnels yourself using your trusty shove! Set traps for your strange underground enemies, — Fygar, the fire-breathing dragon, and Pooka, the innocent-looking round red creature who's deadly to the touch.

You're armed with a powerful pump—hit your enemies with the tube and you can pump them up bill they pop. Or for even more points, tunnel under a boulder and send it crashing down on your pursuers. Watch out, though—Eygar and Pooka can turn ghostly at any moment, ignoring all unnel walls and heading straight at you!

DIG-DUG—the underground smash now available for the Atarl 2600 and 5200 systems.



ATARI 2600 DIG DUG Item Code C87 Club Member Price \$31.95



ATARI 5200 DIG DUG Item Code G23 Club Member Price \$36.95

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DON'T MISS THE ATARI CLUB'S
FREE BONUS CARTRIDGE OFFER Seaton on page 5

#### THIS ISSUE: SHOULD THERE **BE A HOME** COMPUTER IN YOUR HOME?

This new requier feature of Atarl Age will help would-be computerists understand how home computers work and what they can do. Since many of you will be considering a home computer as a Christmas gift, we'll start with a brief hover's guide in this issue we'll help you decide whether a home computer is a worthwhile addition to your home at this time. Then next issue, we'll help you sift through the crowded marketolace and find the right machine for your needs.

pany. However, each manufacturer's computers are different, and any additional equipment or programs you buy must be designed to work with that sistem —they must be compatible, to use the word the inclustry uses. Be aware also that in most cases even the different computers made by the same company will not be fully

Don't just buy the first computer to catch your eye with a snappy commercial or attractive packaging. Understand that the equipment and programs you use will have to be compatible with the computer system and model you own. The wrong chaire now could limit your choices in the future

#### RUIT DON'T WAIT FOREVER. EITHER

Having just advised caution, we have to address the "wait-and-see" attitude some notential computerists have taken. The logic ones something like this "Look at what happened to calculators and video cassette ME

in the world of home computers. Manufacturers have learned to build computers more efficiently, the page of some components used in them has gone down, and they are selling enough of them to make a decent profit at a lower price per unit. Put it all together, and the property home computer

night now is extremely attractive What about warting till the new models come out with new features? Assuming once again that you are the "average" home computer user, the question can be turned around to read. "What more do you want?" The major changes in home computers experted within the next year or so include larger memory canacities and slightly faster models can handle all the functions most neonie will need or want, including home education, word processing information storage and manipulation, computer-tocomputer communication over telephone technology always improves. But unless buying a color television or stereo until the ultimate model is introduced, this is a logical time to buy a home computer — if you want.

#### . WHAT CAN IT DO FOR YOU? The simple fact is that everybody in the

civilized world does not need to own a home computer at this time. We may soon see the day when a computer is a necessity -when banking by home computer becomes common, or your morning paper is delivered via printout instead of naperboy. or working arrangements linking home comouters with office computers become accepted practice. For now, though, the home computer has not become a basic home appliance.

However, for most of us, a computer opens up enormous possibilities in two major areas -practical applications and entertainment. Here's a quick rundown of some home computer capabilities which are available right now. Which ones would you use?

#### WORD PROCESSING

This gets top-of-the-list status primarily because it's being used right now to write this article. Word processing lets you do everything a typewriter does and much more. When using your home computer as a word processor, the material you type appears on your television screen as you type it. You can then read it over and make any changes quickly and easily before you print out the text on paper. Even after you point it, you can go back, make further coryour changes, without having to manually retype the whole document The changes you make aren't limited to

melling changes, either You can change

people. But today, the economic changes which drive the cost of new technological products down have aiready taken place

if you are confused by the world of home computers, don't worry -- you're not alone in the past few years, the technical types have succeeded in bringing the price and

PLEET BLIY US IIII

size of computing equipment within reach of what is loosely called the "general public" Unfortunately, the folks in charge of explainnot been oute as ingenious as the engineers Whether you buy a computer at a department store, a computer specialty store, or by mail, it is important that you have some knowledge about computers before you

#### start shopping. Let's try setting some guidelines to help the "average" person make an intelligent decision about buying his or her DON'T JUST GRAB AND HOPE

Buying a computer is different from buying most other electronic gear, such as televisions or stereos, in one important way -once you start with one company's system, you are locked into that system. This does not mean that you are limited to buying only computer products made by that comrecorders. When they first came out, they cost a fortune. Then the prices plummetted if I wait a little longer, computer prices will go down even further, and they'll be able to

if this article appeared a year or two ago.

the margins or the size of the printed page. With many printers, you can change give with many printers, you can change give can delete or report whole blooks of text, or move sections around within the document. If you want to send the same letter to a move sections around within the document. If you want to send the same letter to the address section and pint out a new your you can ever share your work. I many for you can be compared, and come back to at a some the computers, and come back to at a some face of the fainty setting you can find, like computersed proofreading or changing a confined with the computersed proofreading or changing a document would be you have a tappers in a document.

murderer Adventure games using all-text of text pals graphs images challenge your reasoning powers, and may go on for hours, or even weeks. The creativity demonstrated by computer game programmers a stounding, and new concepts seem to appear every week.

#### EDUCATION

Educational programs for home use range from preschool lessons in the alphabet, reading, and math to foreign languages, musical composition, speed reading, and typing. Two important computer characteristics make it will able educational tool.



For students or anyone who does a fair amount of winting, this home computer application is a tremendous time-saver. And the pixe of a computer system which can handle basic word processing, including a printer, has dropped below \$600 recently.

GAMEPLAYING

The quantity and variety of computer garden switches from extension of reader services for a service of reader skyle games with beautiful graphics and decelent against share better versions of the type of games slivearly found on home game systems strategic games for home computers can put you un charge of an entire army, or make you and detective gathering clusters in pursuit of a detective gathering cluster in pursuit of a



graphics make lessors more entertaining, and the patience of the computer makes it a very finendly teacher. Computers don't get mad when you make a mistake, they don't embaras you when they correct you, and they will wait patiently while you figure out the answer to a question.

#### PROGRAMMING

Books and magazines offer all the information you need to learn how to write your own computer programs. There is even the possibility that you could break into the glamorous and existing world of computer programming someday from humble beginnings in your living room.

For most home computerists, though, for most home computerists, though, for most home computerists, though, —it is a source of tremendous enjoyment. Programming requirest learning the nuts and boils of computer language, and then bringing your own distinctive creativity to the process. The challenge of 'talking' 'to a computer and making it do what you want it to do so perhaps the most enjoyable and satishing computer "game" you can play.

#### FILING AND RECORDKEEPING

Whether you are a small businessman or just somebody with a lot of information to keep straght, a home computer can be enablable in remembering and organizing information. Everything from names and addiesses to recipe to budget retires to details on the specimens in a cosin collection can be stored using your computer, and pulled out when needed. The computer also lets you out through the information you've stored, selecting just the people living in a particular state, for example, or only the reopes which use turkey as a main inpredient



#### Using a readily available device called a

modem, you can link your computer to another computer to another computer through your telephone innes. This lets you send electronic letters from computer to computer, or transmit reports to your office instantly. Tap into commercial data services, such as The Source and Compusene, and a wide range of information at the orthogeness, which will be supported to the compusers of the computer programming aids, and more Three are also gainers to play "on-line", including some which involve players across the country symitatineously.

Another popular telecommunications application is communicating CB-radio-style from computer to computer. Some computer users focus on particular fields of interest, from aviation to zoology. Others just get together to "chat."

#### MONEY MANAGEMENT

The home computerst can find "user finently" program within make it easy to keep track of home or business budges analyze investments, and file inflamonal information conveniently. Many inexpensive computers can now origanize all the financial affairs of a small business, including inventory, cash flow management, billing, and more, at a small faction of the cost of traditional "business" computers.

#### LET THE BUYER BE AWARE

That's fast plimps at what a home computer can do for you. Now, assuming you have answered the question. "Do! I want one now?" with a rousing 'yes," we move into awhole new set of questions about choosing the right one. "Let the buyer beware." The saying goes. The answer is to be aware of the risa and outs of home computer purchasing. We'll discuss the critical points to consider in the next issue of Natari Assuming.



#### NOW CLUB MEMBERS GET EVEN MORE FOR

ARC stands for Atan Redemption Certificate. You can use ARCs to save on selected Atan wideo game cartridges, and accessory items such as storage units and controllers in coming months, more ARC benefits will be introduced, including the opportunity to preview new Atan games

#### START COLLECTING THEM NOW

To get the ARC program rolling, we're going to give 5 RCs to everyone who orders anything at all from this

ARCS another way The Club makes Atarl fun even more fun. assue of Atari Age. We've also added ARCs to the rewords for contributors to the "Your Turn" section, and the prize list for our regular Contest feature. In addition, you williget ARCs as a bonus when you renew your Club membership, and new members will get some ARCs as a "welcome" gift. More ways to earn ARCs will be coming soon.

#### WHAT CAN I DO WITH ARCS?

Your first chance to sample the power of ARCs will be a special money-saving cartridge offer described in detail with the first ARC you receive. And you'll find new ARC offers in every upcoming issue of Atarl Age magazine.



# **Game=Grams**

Dear Atari Club,
I want to know why Atari is starting
to make only one player games like
Centipede and Ms. Pac-Man.

Michael River. Spring Valley. N' Some recent Atari releases for the 2600 system, Like Pole Position and Bettlezone, are accurate adeptations of one-player coun video games. In

of one-player coin video games. In other cases, like those you listed in your letter, the programmers used up every last tots of memory space available, and there wasn't enough room left for additional options like two-pleyer scoring.

in The payer scoring is that Atan has two we games coming which offer the best possible kind of two-player action — both people playing simultaneously, instead of taxing turns, order now for both 2600 and 5000 systems. Just like the arcade versus, Atan Joust for both systems offers a two-player option which allows cooperative play against those dash-

head combat, if that's what you enjoy We're offering e "Sneak Peek" at the next two-player offaring on page 14 of this issue it's Mario Bros. just arrived at the arcade and on its way into your home before Christmas. The two-player versions put Mario, who wa mat back in Donkey Kong,

The two-player versions but Mario, who we mat back in Donkay Kong, and his brother Luigi up on screen at the same time, joining forces to fight Shellcreepers, Sidesteppers, and other plumbing perils

Dear Atarl Club. In Volume 1 Number 4 of Atari Age there was a section in "Snask Paeks" that said that a game was being made from a top-rated CBS television series with fancy high-speed car driving. Could you tall me what the

Eric Trau

Actually, Eric, it's too late to tell. We try to get the most 'inside' informanon we can for our 'Sneak Peeks' feter we go to press. That's what appened back in November with appened back in November with ur TV series game scoop — the jame, which was going to be based or "The Dukes of Hazzard," was applied Guess that's the price we yay for trying to let members in on

Dear Ateri Club. I know that Ateri is very famous in the United States I was just wondering if Ateri is famous in Europe? Lae Bryti.

Not just in Europe, Lee, but all over the world. At last count, folks are playing Ateri video games in at least 50 countries worldwide. And in eptember, netional champions fror round the world met in Munich, isermany for the Aten World hampionship Centipede Competion 'We'll cover the competition in n upcoming issue of Atan Aga, etting you know who won and what

- Editor

100 Home Computer, Since I'm g o keep my VCS, I'll still subscrib Atari Age. My question is, is then special magazine for Atari Comp

> Mark Parmann San Antonio, TX

There cartainly is. It's called the Afar Connaction and it's published four times a year It includes information on new computar equipment and software from Atan, practical articles on programming tips and techniques feature stones on computers and how people use them, contests, and more. You can subscribe for \$10,00 a year by writing to Subscription Department, Atan Connaction, P. Sox 50037, 80 E Plumeria, San Jose

KEEP THOSE CARDS AWO
LETTERS COMING!
Send your questions and commons about
Asia games to grow and any and a games about
feets in the image. PASO Wash
feets in the image.

James carridge of year or we'll see principles.

# SOLUTION SECTION

HARV'S DILEMMA CONTEST RESULTS
Thousands of you sent us the correct answer for the

contest which appeared in our May/June 1983 is sue the sign precs, came to gether to speel "BREZER". The Club Member whose correct entry was first out of the barrel in our random drawing was Marcus Notron of Bröken Arroy, OK He was a big first proce—a 5200 system complete with Trak-Bail Control price—a 5200 system complete with Trak-Bail Control price and 520 system complete with Trak-Bail Control causing system to Aylene Petterson of Reading, PA The third and fourth price winners will be notified.

#### YOUR TURN

Omar Flammia's Word Puzzle: Uily Green only likes games with double letters in their names. The reason she loves Football and Missile Command is because they both have two sets of double letters.

Darin Robertson's Logic Puzzle: Steve played Defender, 874.001 points Jim played Ceritipede, 29,875 points Betty played Pac-Main, 18,701 points Sherryl played Galaxian, 1087 points

#### CASEBOOK OF R. CADE

This was a simple one for our crack detective. He knows perfectly well that Pac-Man was created in Japan by Namco Ltd. An Atan programmer adapted the game for home use, but nobody at Atan's coin indee drivision could possibly claim that the game was created in Sunnyvale. Caught you.



**Meeting The Future Now** 

by Lee E. Miller



he Atari Institute Wasn't that the home base of Commander Champion and his Atari Force in the year 20057 Champion and the Atari Force, as you may recall, were the heroes of Atan's DC comic books. They traveled the universe, battling evil and corruption. Such adventures are still years away After

all, it's only 1983. But the Atan Institute is already here. Now in its third year, the present Atari Institute-the Atari Institute for Educational Action Research - donates computers, advice, and money to projects that use computers in education

Ted M. Kahn, Ph.D., who served until September 1983 as Executive Director of the Atan institute, estimates that so far the institute has awarded more than \$1 milion worth of computers, software, and cash stinends to various nonorofit organizations across the country Beneficianes include museums. medical centers, libraries, public and private schools, colleges, rehabilitation centers, and other educational endeavors

Commander Champion would be proud The modern Atan Institute goes a long way toward proving there's more to Atan these days than just fun and games

#### CAPITAL CHILDREN'S MUSEUM How would you like to use an ancient Greek

method dating back to 300 A.D. to send messages with a torch? Perhans using African tribal drums to do the job is more to your liking. And what if you'd rather experment with modern technology in the form of a sophisticated communications satellite?



Or maybe you just want to learn about

comounters. Whatever your preference, you'll find it at

the Capital Children's Museum in Washington, D.C., where all of these communication tools are part of a hands-on learning exhibit. sponsored by the Atari Institute. And it's only the Agranga The Communications Exhibit and Future Center (a classroom equipped with 20 Atan 800 systems) at the Canital Children's Museum are but a few of the marry diverse projects made possible by the Atari Institute

#### SIMULATED SHUTTLE FLIGHTS

In Greenfield, Massachusetts, the Afan Institute is sending junior college students into orbit via a laboratory project centered around a realistic reproduction of a space shuttle flight. Funded by the Atan Institute, the space shuttle simulation project was launched at Greenfield Community College as part of the school's Project TEME (Totally Enclosed Modular Environments). The project integrates the application of physical and social sciences into a model, and in turn, lets students play and design systems and software for the future.

According to Dr. Kahn, such projects often have unexpected and far-reaching effects The Pomoidou Center in Paris just goened a wonderful exhibition called Through Time and Space," he explained. "The students at Greenfield were asked by the Pompidou Center to bring their software over and have it included in the exhibit. We provided the travel grant and sent the students to France. where the exhibit will be viewed by an estimated three million people "

**FDUCATIONAL ALCHEMIST** 

Dr. Kahn describes himself as an "educational alchemist" interested in the networking of people and ideas. Alono with the Board of

Advisors and Executive Committee, Dr. Kahn has been responsible for selecting the proects to be sponsored. Of the over 1,500 requests submitted in the last han swarr more than 100 have become full-fierdoed projects sponsored by the lostitude

Diversity is the name of the name. These projects include a high school in Los Angeles that's using an Atan-donated computer to aid in teaching the art of animation. The Institute has also given computer equipment to San Quentin Prison in an attempt to meet the educational needs of people in "lock-up" conditions. The computers use interactive educational software to help inmates learn skills like computer programming.

#### ELECTRONIC PEN PALS

Elsewhere, the Institute has set up a telecommunications network of ten elementary schools. The Sister Schools, as they are called,



are scattered across the United States, but they are linked together by Atari 800 computers

The computers and necessary peripherals were donated by the Institute, which also pays for the long distance phone charges between schools

Making electronic pen pak is one way students use the network. Students in lower get firsthand accounts of life on the Pacific Coast from Californians, while their classmates get programming tips from students in Massachusetts

Also popular are joint creative writing assignments. One class writes a chapter and sends it to the next school where a second chapter is added before the essay is sent on to a third school for completion

#### VIDEO GAMES AT HARVARD

Last summer, the Atan fortiture contributed to funding a three-day conference at Hangard University on video games and their influence on education. Sponsored by the Harvard University Graduate School of Education, the conference drew nearly 200 attendees including educators, psychologists social scientists medical coerialists and video game manufacturers

The participants discussed the current and prospective effects of video games on society.

#### TOP SECRET PROJECT One of the Institute's newest projects

involves the concept of multi-person video games played by people all over the country on a telephone network According to Dr. Kahn, this project is still

in the development stages, and for that reason, he's unable to reveal specific details at the present time. But he did say that while this project has a kind of TOP SECRET label on it, the technology allowing video games to be played by people at long distances is coming about a lot sooner than anyone thought possible "I've already seen advertisements sug-

gesting that it's possible to attach Itelephone) modems to video game systems like the VCS unit," he explained. "We're very interested in what video

games of the future will become," he added "I'm especially intrioued by the idea of names that evolve with you, that keep changing so that you can continue playing them over and over again. You would be able to stop and start again at different points in time. and the learning process would be continuous throughout your life."

Through our projects here," he added. "we are continually exploring ways to advance the state-of-the-art of educational technology and help people become lifelong learners "



Our selection for this issue is a defenile must have game for any carriage collection— Charland: The William Electronics color game is still goldering planty of quarters, awar plant of the plant of game. You life your spaceably porceas a full multi-directional scrotting plantal, zapolysancia who are residently polipies it because of the most plantal plantal of the plant





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# Contest

EDITOR HUNT

As meilbags full of your smiling feces ceme pouring into the Club offices in response to the "Send Us Your Face" contest, a question crose -"Now that you know what we look like, whet do you look like?" It sounded reasonable to us. so here's your enswer -a photo of your own true

"But which one are you?". I heer you say. That, my friends, is the contest chellenge for this month - find the editor. You have two clues: 1) The editor has genuine faciel foliage, not some dimestore imitation. end 2) The glesses are reel too - I couldn't tell Video Chess from Venguard without them.



#### PRIZES

One FIRST PRIZE:

Ten SECOND PRIZES: An Atari Remote Control Wireless

One Hundred THIRD PRIZES:

5 Atan Club ARCs

Atan 2600 Jungle Hunt cartridges Five Hundred FOURTH PRIZES:

#### HOW TO ENTER

Simply print or type your answer in the Contest Fotov Form on p. 29, or a reason-Send as many entries as you like, one

carved by December 30, 1983 tions parmitted, nor are the prizes transning depend on the number of entries

will be published in the March/April 1984 issue of Ater; Age



Atan convideo game Crystal Castles.
The castles are intricate construc-

The action heats up quickly - it

to make your way to the top play levels of Crystal Castles If you're the first Crystal Castles maze form the



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# FAMILY FUN FROM ATARI

#### Sesame Street! Learning is Fun With the Reloyed Sesame Street Gang







Announcing two breakthrough videogames - educational games featuring the lovable Sesame Street Muppets, designed especially for 3, to 7, year-olds. The creators of Sesame Street. Electric Company, and 3-2-1 Contact have teamed up with the creators of the world's most popular wdeogames to bring Emie and Cookie Monster into your home. They bring very special gamenlay with them - family play offering ment, nonviolent action and valuable pre-

school learning for boys and girls alike

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This stundy keycard controller was specially made for use with the Atan Sesame Street Library cartniges. The big buttons and brightly colored overlays. movement. Kild's Controller required to play Alpha Beam with Emile and Conicle Monster Munch KID'S CONTROLLER Item Code A78 Member Price: \$M.95

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Markey Mouse is in mouble! He thed using magic to bong The scene is straight out of the classic move Fantasia but now you're in charge of saving Mickey The action is foures wage watery warfare in this whadky new game. Item Corie C92 Member Price: \$26.95



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# KIDS STUFF

To delebrate the introduction of the first Atari game cartridges specifically designed with younger players in mind, we're trying out a new feature, also designed for children. This sime, we have a sample of the kinds of activities included in the manuals packed with the new Atari Sesame Street Library carriddee.

#### COWABUNGA, IT'S COOKIE MONSTER!

Draw your favorite cookie in Cookie Monster's hand Color the picture.





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We'll have to jump over these craters, you see... oh, oh, there's a double crater ahead. Here we go... oof! What a

Let's uses that moon nock in our path—dops, there's another creare bithind it float to line this just right, made it bit, what is than tolle— allens conting in overhead, tropping bomba at use, Speed up a little, fire, allower, line it up., fire. Whos, another creater Hope our Moon Buggy holds together. This is one heck of a trip... and a neck of a lot of furn!

Atari 2600 MOON PATROL Item Code C90 \$31.95

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See details on page 5